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New Patent Claims

1. Internal combustion engine for a motor vehicle with a lubricant pump to transport a fluid, almost incompressible lubricant, especially a motor oil, a lubricant guide element (1d, 1f) to guide the lubricant to the lubrication points of the internal combustion engine and a dampening element (2d, 2f) associated with the lubricant guide element (1d, 1f) to accept pressure pulsations in the lubricant, thereby characterized by the dampening element (2d, 2f) being constructed as a bypass resonator, whereby an elastic body (7, 8, 10) is provided in a lubricant reservoir (4d, 4f) connected with the lubricant guide element (1d, 1f) across a bleed line (6).

2. Internal combustion engine according to Claim 1, thereby characterized by the elastic body (10) being a rubber-elastic, shaped body.

3. Internal combustion engine according to Claim 1, thereby characterized by the elastic body

(7, 8) being a gas storage volume (7) to accept a compressible medium whose side facing the bleed line (6) manifests an elastic membrane (8).

4. Internal combustion engine according to Claim 2 or 3, thereby characterized by the elasticity of the membrane (8) or the rubber-elastic, shaped body (10) being able to change or adjust.

5. Internal combustion engine for a motor vehicle with a lubricant pump to transport a fluid, almost incompressible lubricant, especially a motor oil, a lubricant guide element (1g, 1h) to guide the lubricant to the lubrication points of the internal combustion engine, and a dampening element (2g, 2h) associated with the lubricant guide element (1g, 1h) to accept pressure pulsations in the lubricant, thereby characterized by the dampening element (2g, 2h) being constructed as a lubricant guide element whose wall manifests an increased compressibility.

6. Internal combustion engine according to Claim 5, thereby characterized by the dampening element (2h) manifesting a rubber-elastic, cylindrical shaped part (12) whose interior cross-section corresponds to the interior cross-section of the lubricant guide element (1h).

7. Internal combustion engine according to Claim 5, thereby characterized by the dampening

element (2g) manifesting a calmed area (4g) which is formed by an abrupt expansion (3g) and an abrupt narrowing (3g') of the interior cross-section of the lubricant guide element (1g) and a rubber-elastic wall is associated with it.

8. Internal combustion engine for a motor vehicle with a lubricant pump to transport a fluid, almost incompressible lubricant, especially a motor oil, a lubricant guide element (1m) to guide the lubricant to the lubrication points of the internal combustion engine, and a dampening element (2m) associated with the lubricant guide element (1m) to accept pressure pulsations in the lubricant, thereby characterized by the dampening element (2m) being positioned in a lubricant reservoir (16) in the vicinity of the intake suction opening of the lubricant guide element (1m).

9. Internal combustion engine according to Claim 8, thereby characterized by the dampening element (2m) being constructed as a gas or air pillow whose side facing the intake suction opening of the lubricant guide element (1m) manifests an elastic membrane (17).